

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030258.D
 Acq On : 26 Sep 2024 14:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Sep 27 04:34:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:25:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	189744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	172959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	86023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	57024	22.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.080%		
7) Chloroethane-d5	2.899	69	42656	22.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.400%		
11) 1,1-Dichloroethene-d2	4.027	65	29628	23.362	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.440%		
21) 2-Butanone-d5	7.081	46	29582	48.254	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.500%		
24) Chloroform-d	7.648	84	132618	23.605	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.400%		
26) 1,2-Dichloroethane-d4	8.306	65	70118	24.468	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.880%		
32) Benzene-d6	8.276	84	264446	24.204	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.800%		
36) 1,2-Dichloropropane-d6	9.276	67	79833	23.601	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.400%		
41) Toluene-d8	10.318	98	237778	24.488	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.960%		
43) trans-1,3-Dichloroprop...	10.574	79	32408	25.277	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.120%		
47) 2-Hexanone-d5	10.922	63	24845	52.472	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56519	24.462	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.840%		
66) 1,2-Dichlorobenzene-d4	13.848	152	74606	24.922	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	44478	21.791	ug/L	96
3) Chloromethane	2.228	50	67701	23.227	ug/L	98
5) Vinyl chloride	2.375	62	65595	22.337	ug/L	96
6) Bromomethane	2.789	94	39535	22.192	ug/L	98
8) Chloroethane	2.942	64	35994	20.943	ug/L	93
9) Trichlorofluoromethane	3.265	101	60463	23.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	58580m	22.846	ug/L	
12) 1,1-Dichloroethene	4.045	96	54729	22.640	ug/L	97
13) Acetone	4.124	43	43190	49.421	ug/L	99
14) Carbon disulfide	4.392	76	197884	22.801	ug/L	99
15) Methyl Acetate	4.679	43	26694	22.177	ug/L	100
16) Methylene chloride	4.917	84	61544	21.175	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	63883	23.304	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	94763	25.230	ug/L	97
19) 1,1-Dichloroethane	6.215	63	128421	23.235	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	68999	23.505	ug/L	98
22) 2-Butanone	7.172	43	51196	51.501	ug/L	100
23) Bromochloromethane	7.514	128	28022	23.398	ug/L	95
25) Chloroform	7.678	83	127176	23.648	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82394	23.660	ug/L	98
29) Cyclohexane	7.959	56	106846	24.278	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	103120	24.085	ug/L	98
31) Carbon tetrachloride	8.075	117	94203	24.286	ug/L	99
33) Benzene	8.325	78	278361	23.486	ug/L	100
34) Trichloroethene	9.093	95	72841	23.692	ug/L	94
35) Methylcyclohexane	9.337	83	118957	24.605	ug/L	99
37) 1,2-Dichloropropane	9.367	63	73108	23.272	ug/L	99
38) Bromodichloromethane	9.648	83	87953	24.039	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	108295	24.277	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	73196	47.233	ug/L	98
42) Toluene	10.385	91	300255	24.547	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	91213	25.165	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	47196	23.582	ug/L	90
46) Tetrachloroethene	10.861	164	51049	23.743	ug/L	92
48) 2-Hexanone	10.964	43	70062	53.761	ug/L	99
49) Dibromochloromethane	11.123	129	53825	25.059	ug/L	99
50) 1,2-Dibromoethane	11.233	107	44965	23.911	ug/L #	96
51) Chlorobenzene	11.653	112	181369	24.116	ug/L	96
52) Ethylbenzene	11.727	91	338238	24.467	ug/L	97
53) m,p-Xylene	11.836	106	126283	25.209	ug/L	99
54) o-Xylene	12.165	106	120061	25.516	ug/L	93
55) Styrene	12.178	104	200931	25.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	56771	23.968	ug/L	98
59) Bromoform	12.348	173	29527	24.653	ug/L	97
60) Isopropylbenzene	12.458	105	331669	25.239	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	40244	23.801	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	266886	26.094	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	265038	26.425	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	138983	24.864	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	139521	24.394	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	118588	24.353	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	8600	23.100	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	84352	23.106	ug/L	91
70) 1,2,4-trichlorobenzene	15.128	180	71578	24.212	ug/L	99
71) Naphthalene	15.360	128	135488	26.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64349	24.960	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

